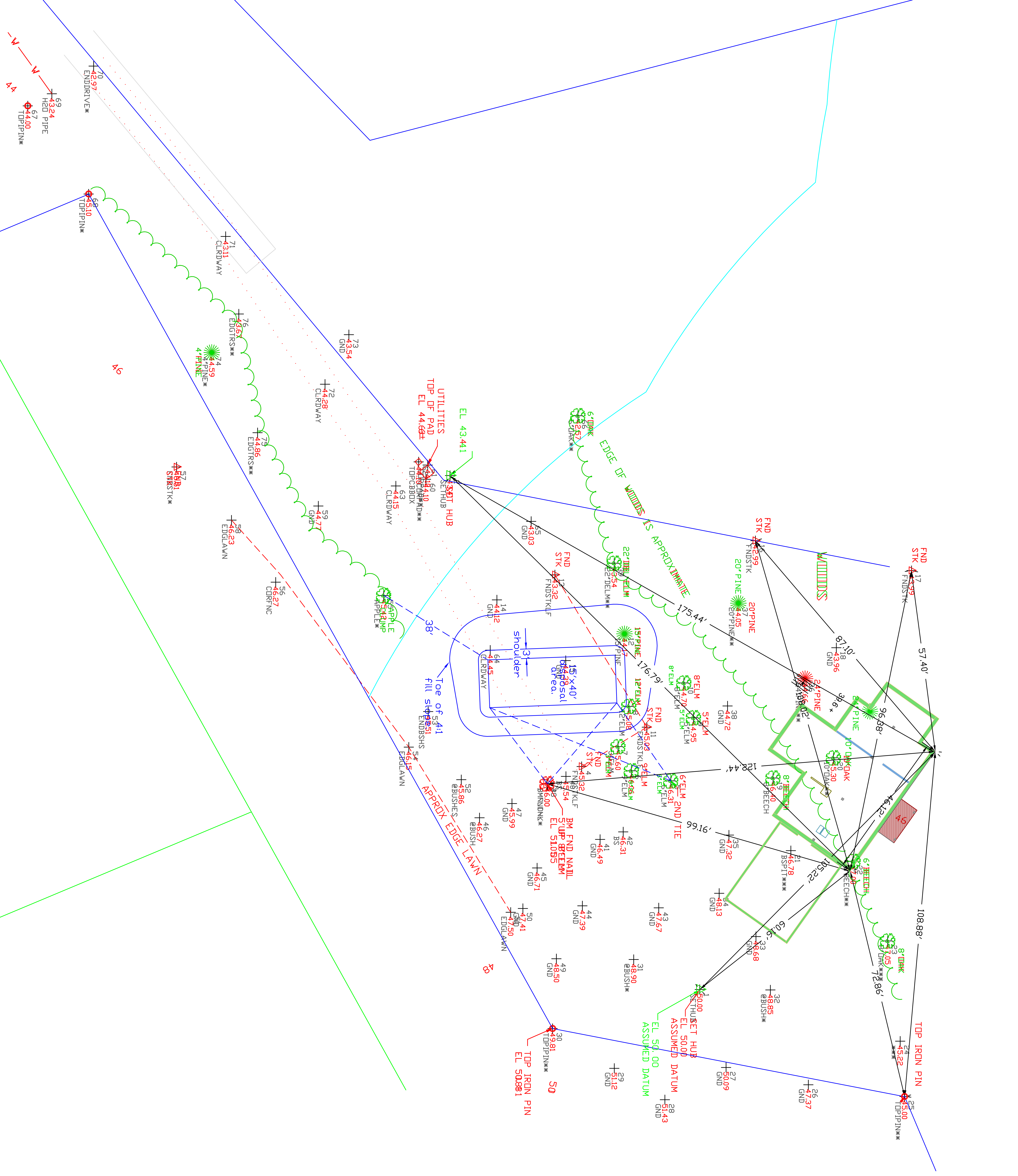


UTILITIES
TOP OF PAD
EL 44.64±
EL 43.41
SET HUB
EDGE OF WOODS IS APPROXIMATE
WOODS
FND STK
175.44'
176.79'
87.10'
57.40'
96.38'
122.44'
99.16'
105.22'
46.12'
60.16'
72.86'
108.88'
38'
3'
shoulder
15'x40' disposal area.
Toe of 4:1 fill slope
APPROX EDGE LAWN
BM FND NAIL 5' UP 8"ELM
EL 51.05
2ND TIE
SET HUB
EL 50.00
ASSUMED DATUM
EL 50.00
ASSUMED DATUM
TOP IRON PIN
EL 50.81
TOP IRON PIN
44
46
48
50
ENDDRIVE
H2O PIPE
TOPIPIN
CLRDWAY
EDGTRS
4"PINE
EDGLAWN
CORFNC
APPLE CLUMP
GND
TOPCBBOX
6"OAK
22"DBL ELM
20"PINE
24"PINE
15"PINE
12"ELM
8"ELM
5"ELM
9"ELM
6"ELM
3"ELM
10"OAK
8"BEECH
6"BEECH
8"OAK
ENDBSHS
@BUSHES
@BUSH
BSPIT
FNDSTKLF
BS

Command= 210-
Point#, Start#-End# or G#= 1-100

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
----------01-20-2025-----				10:15:45	----------D:...\BMHOME10		
		50.00	SETHUB	1	-522.8647	-324.2114	
		43.41	SETHUB	2	-601.3834	-485.7051	TRA
		51.05	BMFNDNL*	3	-570.8871	-388.8934	SS
		45.32	FNDSTKLF	4	-559.9970	-394.2805	SS
		46.31	6"ELM	5	-531.9776	-389.7913	SS
		46.06	9"ELM	6	-544.3796	-392.9532	SS
		45.60	3"ELM	7	-548.5804	-400.5568	SS
		45.08	12"ELM	8	-545.1837	-413.1951	SS
		44.95	5"ELM	9	-524.8484	-409.6184	SS
		44.70	8"ELM	10	-527.8626	-420.5619	SS
		45.03	FNDSTKLF	11	-539.5036	-406.6490	SS
		44.17	15"PINE	12	-546.5183	-435.9861	SS
		43.32	FNDSTKLF	13	-568.3909	-454.5280	SS
		44.12	GND	14	-586.6358	-446.6494	SS
		44.39	GND	15	-565.0130	-427.5786	SS
		42.99	FNDSTK	16	-505.3656	-465.2601	SS
		43.99	FNDSTK	17	-456.3046	-455.8510	SS
		43.96	GND	18	-479.9149	-431.6011	SS
		46.40	8"BEECH	19	-499.8384	-390.6969	SS
		45.30	10"OAK**	20	-480.8335	-397.0319	SS
		46.78	BSPIT***	21	-494.2215	-367.8510	SS
		47.00	6"BEECH*	22	-474.6529	-364.5009	SS
		47.05	8"OAK***	23	-463.7790	-339.4936	SS
		45.22	***	24	-459.8725	-307.9792	SS
		45.93	TOPIPIN*	25	-458.4890	-290.6043	SS
		47.37	GND	26	-488.7372	-294.2854	SS
		50.09	GND	27	-514.5896	-299.7112	SS
		51.43	GND	28	-533.8187	-289.5722	SS
		51.12	GND	29	-549.7178	-299.4308	SS
		50.81	TOPIPIN*	30	-569.1300	-311.9600	SS
		48.90	@BUSH*	31	-543.6337	-333.6424	SS
		48.85	@BUSH*	32	-500.6651	-324.0758	SS
		48.68	GND	33	-505.1887	-340.8571	SS
		48.13	GND	34	-516.7743	-354.4543	SS
		47.32	GND	35	-513.6873	-372.7617	SS
		44.66	24"PINE*	36	-489.7510	-421.8701	SS
		44.05	20"PINE*	37	-510.7329	-445.6067	SS
		44.72	GND	38	-514.1463	-413.3059	SS
		43.54	22"DELM*	39	-549.7628	-458.1982	SS
		45.54	BS	40	-564.9412	-391.1682	SS
		46.49	GND	41	-554.2133	-371.3851	SS
		46.31	BS	42	-546.9349	-373.7425	SS
		47.67	GND	43	-535.7543	-349.8877	SS
		47.39	GND	44	-559.7517	-350.5065	SS
		46.71	GND	45	-574.0013	-362.4124	SS
		46.27	@BUSH	46	-592.1070	-378.1960	SS

JOB #16 624KEPNER [100]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-20-2025		10:15:45				D:...\BMHOME10	
		45.99	GND	47	-581.8923	-382.6468	SS
		51.04	BMNLCHK	48	-570.8822	-388.8859	SS
		48.50	GND	49	-567.9190	-333.8691	SS
		47.41	GND	50	-578.4732	-349.6708	SS
		47.50	EDGLAWN	51	-582.3132	-348.4940	SS
		45.86	@BUSHES	52	-597.8305	-390.1411	SS
		45.51	ENDBSHS	53	-608.2325	-411.5607	SS
		46.15	EDGLAWN	54	-614.3468	-400.3944	SS
		45.42	APPLE*	55	-622.2291	-448.0273	SS
		46.27	CORFNC	56	-656.1728	-452.2231	SS
		46.51	FNDSTK*	57	-687.3409	-488.4085	SS
		46.23	EDGLAWN	58	-670.0839	-471.7174	SS
		44.77	GND	59	-642.7635	-476.1454	SS
		44.57	CORPAD**	60	-608.9465	-484.5556	SS
		44.61	CORPAD**	61	-608.4059	-489.0069	SS
		46.60	TOPCBBOX	62	-611.2241	-490.0072	SS
		44.15	CLRDWAY	63	-618.4133	-482.4406	SS
		44.45	CLRDWAY	64	-588.7249	-430.8569	SS
		43.03	GND	65	-575.8620	-471.3123	SS
		42.57	6"OAK**	66	-561.1625	-504.5340	SS
		44.85	TOPIPIN*	67	-734.1018	-601.8913	SS
		46.00	TOPIPIN*	68	-714.9592	-574.1967	SS
		43.24	H2O PIPE	69	-726.5439	-605.7006	SS
		42.97	ENDDRIVE	70	-713.3975	-614.3798	SS
		43.11	CLRDWAY	71	-671.8927	-560.8702	SS
		44.28	CLRDWAY	72	-640.6772	-514.4068	SS
		43.54	GND	73	-633.1520	-529.9883	SS
		44.59	4"PINE*	74	-676.2737	-524.3864	SS
		44.86	EDGTRS**	75	-661.8714	-499.1765	SS
		43.67	EDGTRS**	76	-667.7676	-536.5030	SS

Point#, Start#-End# or G#= 4-

2127

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Servi
Division of Health Engineering, 10 S
(207) 287-5672 Fax: (207) 287-3

PROPERTY LOCATION

City, Town, or Plantation	York 3 River Lane
Street or Road	Scotland Bridge Rd
Subdivision, Lot #	Lot B

YORK PERMIT # 9825 APPLICANTS COPY

Date Permit Issued: 8/31/10 $ 121.15 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 11013

THE WORK SPECIFIED IN THIS APPLICATION IS HEREBY AUTHORIZED TO BE INSTALLED IN ACCORDANCE WITH THE RULES. THIS PERMIT EXPIRES AFTER TWO YEARS FROM DATE ISSUED UNLESS WORK HAS COMMENCED.

Municipal Tax Map # 40 Lot # 22 Lot 5

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Deperrio Gail ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 60 Full Mill Rd, York ME 03909

Daytime Tel. #

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant — Date 8/31/10

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) date approved — (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☒ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES

- ☒ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS

- ☒ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, _____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

2.17AC ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☒ Yes ☐ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 4
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped

TYPE OF WATER SUPPLY

☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- ☒ 1. Concrete
  - ☒ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY: 1500 GAL.

DISPOSAL FIELD TYPE & SIZE

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ☒ 3. Proprietary Device
  - ☐ a. cluster array ☒ c. Linear
  - ☒ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE: 2000 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

☐ 1. No ☒ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☒ c. increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

360 gallons per day

BASED ON:

- ☒ 1. Table 501.1 (dwelling unit(s))
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS for other facilites

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
9	C	I

at Observation Hole # TP3

Depth 15"

of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

- ☐ 1. Small—2.0 sq. ft. / gpd
- ☐ 2. Medium—2.6 sq. ft. / gpd
- ☐ 3. Medium—Large 3.3 sq. ft. / gpd
- ☐ 4. Large—4.1 sq. ft. / gpd
- ☒ 5. Extra Large—5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

- ☐ 1. Not Required
- ☒ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

☐ 3. Section 503.0 (meter readings)

ATTACH WATER METER DATA

LATITUDE AND LONGITUDE

at center of disposal area

Lat. 43 d 09 m 42 s

Lon. 70 d 42 m 26 s

if g.p.s. state margin of error: 41

SITE EVALUATOR STATEMENT

I certify that on 6/1/06 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature — SE # 263 — Date 6/2/06 — PW 8/4/10 MH

Site Evaluator Name Printed: MARC J. Hampton — Telephone Number: 756-7900 — E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

HHE-200 Rev. 4/05

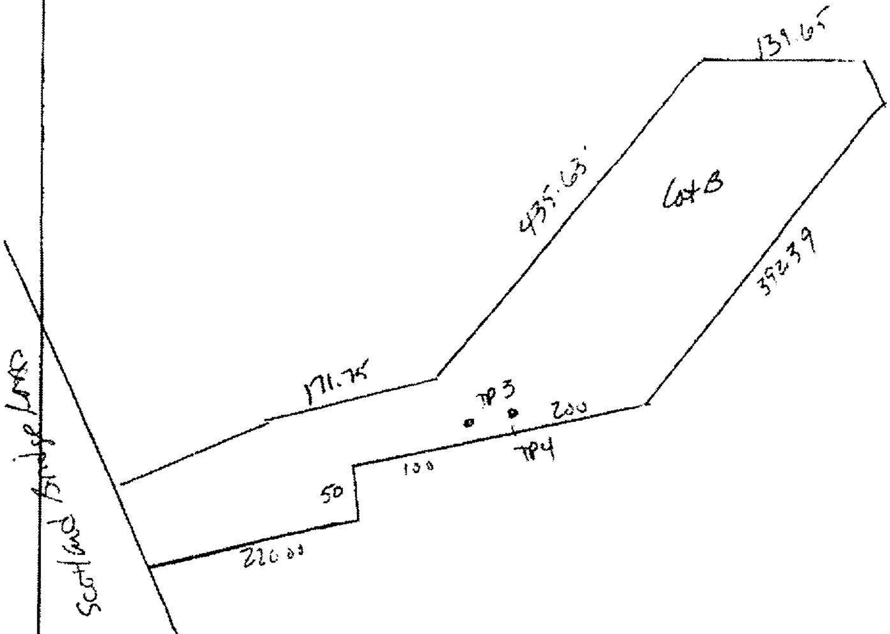
DAK SAK

2127

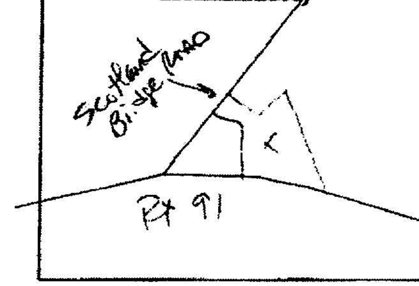
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION	Department of Human Services Division of Health Engineering (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
YMC	Scotland Bridge Road Lot B	Gail Deperrio

SITE PLAN Scale 1" = 200 ft. or as shown



SITE LOCATION PLAN (map from Maine Atlas recommended)



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP3 [x] Test Pit [ ] Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	fine sandy loam	Friable	Dark Brown	
10–20	silt loam	Friable	Brown	
20–30	silty clay loam	Firm	olive gray	Common Distinct
30–50				

Soil Classification	Slope	Limiting Factor	
9 C (Profile, Condition)	2 %	15 "	[x] Ground Water [x] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Observation Hole TP4 [x] Test Pit [ ] Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	fine sandy loam	Friable	Dark Brown	
10–20	silt loam	Friable	Brown	
20–30	silty clay loam	Firm	olive gray	Common Distinct
30–50				

Soil Classification	Slope	Limiting Factor	
9 C (Profile, Condition)	2 %	18 "	[x] Ground Water [x] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Mark J. Hampton	263	6/2/06	Rev 2/4/10 MH	Page 2 of 3 HHE-200 Rev. 8/01
Site Evaluator Signature	SE #	Date		

dark SRK

2127

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 Fax: (207) 287-3165

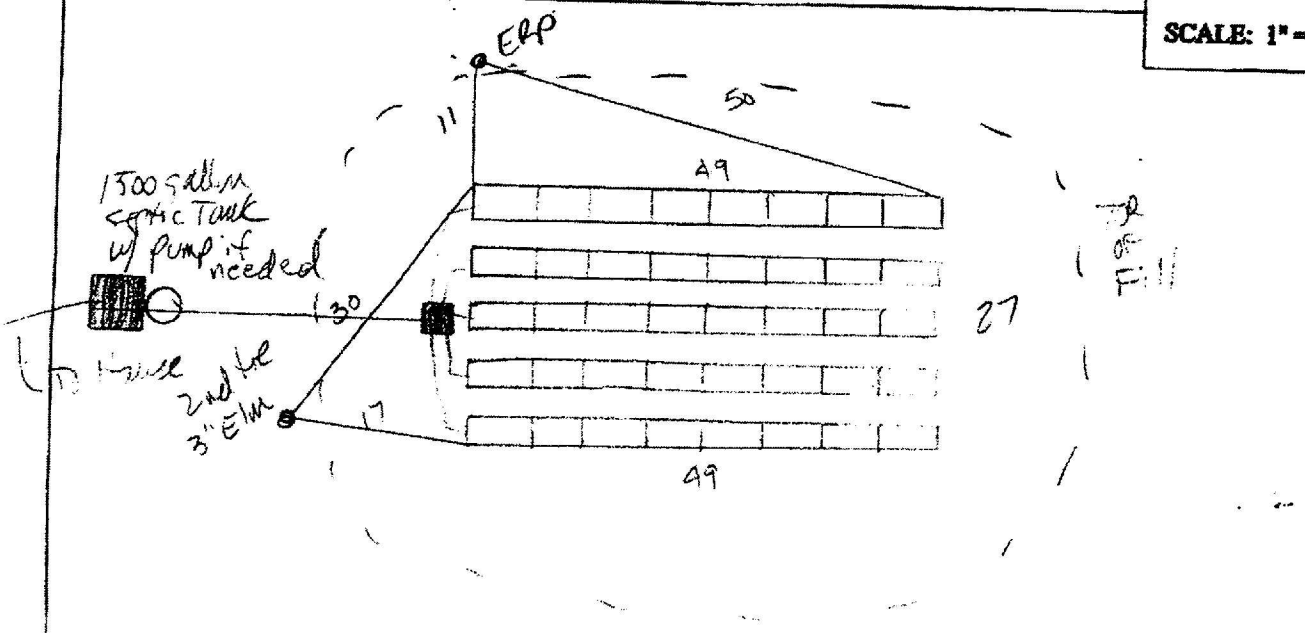
Town, City, Plantation: 4 MC

Street, Road, Subdivision: Scotland Bridge Road Lot B

Owner's Name: Gail Deperrio

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



Note: Materials and installation shall be in accordance with Maine Subsurface Wastewater Disposal Rules dated 08/05 as amended.

FILL REQUIREMENTS

Depth of Fill (Upslope): 26"

Depth of Fill (Downslope): 32"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation: -35

Top of Distribution Pipe or Proprietary Device: -47

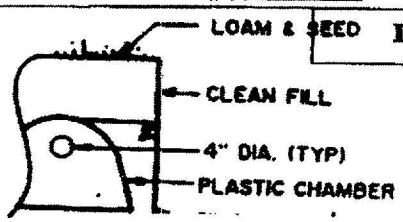
Bottom of Disposal Area: -63

ELEVATION REFERENCE POINT

Location & Description: nail 60' up 4" Elm

Reference Elevation: 0"

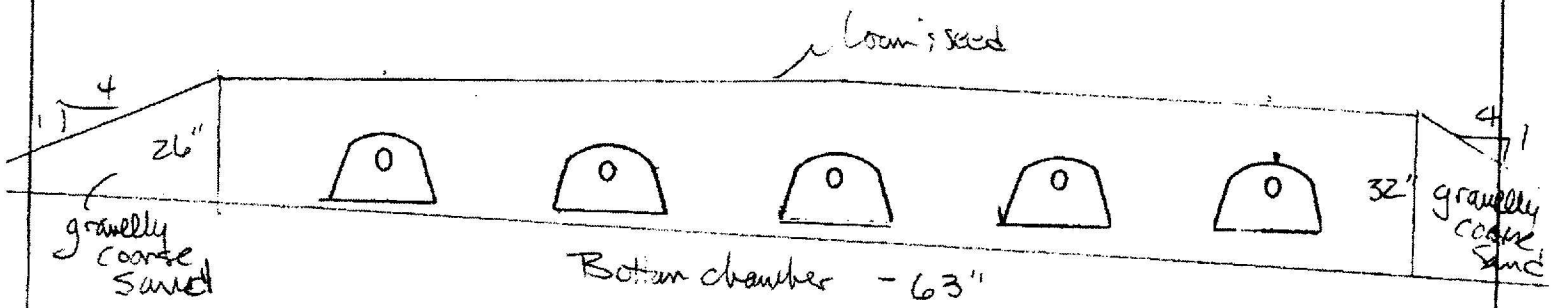
DISPOSAL AREA CROSS SECTION



Scale

Horizontal 1" = 5 ft.

Vertical 1" = 3 ft.



Maren Hampton — Site Evaluator Signature

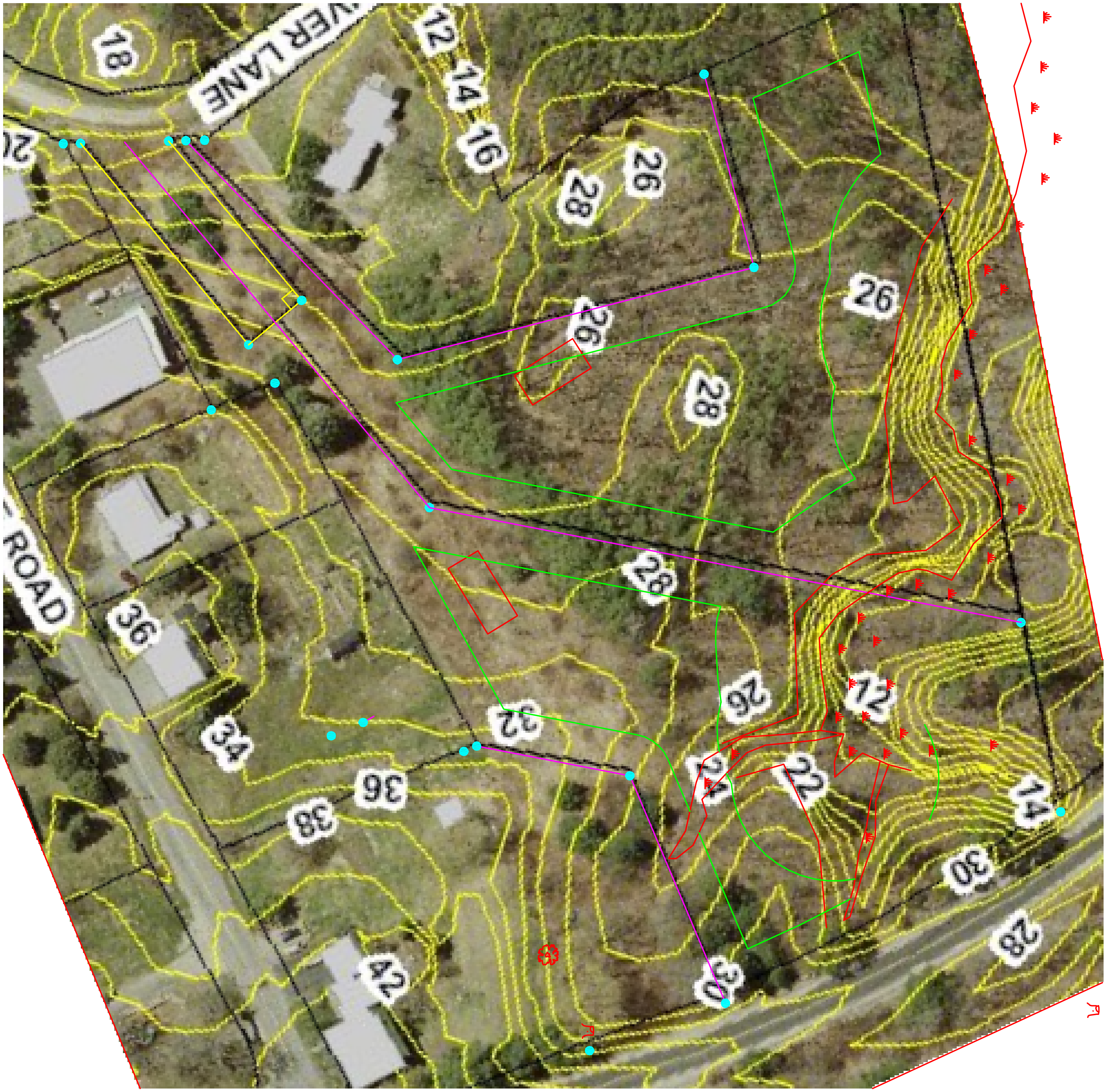
263 — SE #

6/21/06 — Date

Rev 8/4/06 MH

Page 3 of 3
HHE-200 Rev. 8/01

dak SPK


VER LANE
ROAD

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
(207) 287-5672 Fax: (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	York
Street or Road	3 River Lane
Subdivision, Lot #	

YORK PERMIT # 10173 APPLICANTS COPY

Town Date Permit Issued: 10 13 11 $ 264 FEE ☐ If Double Fee Charged [ ]

Local Plumbing Insector Signature L.P.I. # 1094

THE WORK SPECIFIED IN THIS APPLICATION IS HEREBY AUTHORIZED TO BE INSTALLED IN ACCORDANCE WITH THE RULES. THIS PERMIT EXPIRES AFTER TWO YEARS FROM DATE ISSUED UNLESS WORK HAS COMMENCED.

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Kepner, Dennis ■ Owner ☐ Applicant

Mailing Address of Owner: 105 Mill Road, Hampton, NH 03842

Daytime Tel. #: (603) 926-3051

Municipal Tax Map # 90 Lot # 22-A

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant ____ Date ____

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. ____ (1st) date approved

Local Plumbing Inspector Signature ____ (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

■ 1. First Time System
☐ 2. Replacement System
Type replaced: ____
Year installed: ____
☐ 3. Expanded System
☐ a. <25% Expansion
☐ b. >25% Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES

■ 1. No Rule Variance
☐ 2. First Time System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 3. Replacement System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 4. Minimum Lot Size Variance
☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS

■ 1. Complete Non-engineered System
☐ 2. Primitive System (graywater & alt. toilet)
☐ 3. Alternative Toilet, specify: ____
☐ 4. Non-engineered Treatment Tank (only)
☐ 5. Holding Tank, ____ gallons
☐ 6. Non-engineered Disposal Field (only)
☐ 7. Separated Laundry System
☐ 8. Complete Engineered System (2000 gpd or more)
☐ 9. Engineered Treatment Tank (only)
☐ 10. Engineered Disposal Field (only)
☐ 11. Pre-treatment, specify: ____
☐ 12. Miscellaneous Components

SIZE OF PROPERTY

2.5 ☐ SQ. FT. ■ ACRES

SHORELAND ZONING

■ Yes ☐ No

DISPOSAL SYSTEM TO SERVE

■ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
☐ 2. Multiple Family Dwelling, No. of Units: ____
☐ 3. Other: ____ (specify)
Current Use ☐ Seasonal ☐ Year Round ■ Undeveloped

TYPE OF WATER SUPPLY

☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
■ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

■ 1. Concrete
■ a. Regular
☐ b. Low Profile
☐ 2. Plastic
☐ 3. Other: ____
CAPACITY: 1250 GAL.
2 compartment.

DISPOSAL FIELD TYPE & SIZE

☐ 1. Stone Bed ☐ 2. Stone Trench
■ 3. Proprietary Device
■ a. cluster array ☐ c. Linear
■ b. regular load ☐ d. H-20 load
☐ 4. Other: ____
SIZE: 1920 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

■ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes or Maybe, specify one below:
☐ a. multi-compartment tank
☐ b. ___ tanks in series
☐ c. increase in tank capacity
☐ d. Filter on Tank Outlet

DESIGN FLOW

270 (State)
360 (York) gallons per day
BASED ON:
■ 1. Table 4A (dwelling unit(s))
☐ 2. Table 4C(other facilities)
SHOW CALCULATIONS for other facilites
38 Eljen In-drains required, 40 provided.
☐ 3. Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE/CONDITION
9 / C
at Observation Hole # B
Depth 16 "
of Most Limiting Soil Factor
Elevation: -86"

DISPOSAL FIELD SIZING

☐ 1. Medium---2.6 sq. ft. / gpd
☐ 2. Medium---Large 3.3 sq. f.t / gpd
☐ 3. Large---4.1 sq. ft. / gpd
■ 4. Extra Large---5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

■ 1. Not Required Raise house to avoid pump.
☐ 2. May Be Required
☐ 3. Required
Specify only for engineered systems:
DOSE: ____ gallons

LATITUDE AND LONGITUDE

at center of disposal area
Lat. 43 d 09 m 42.1 s
Lon. 70 d 42 m 27.0 s
if g.p.s, state margin of error: 23'

SITE EVALUATOR STATEMENT

I certify that on 7/29/2011 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature ____ SE # 361 Date 4 Sep. 2011

Peter Drummond Site Evaluator Name Printed ____ (207) 439-3624 Telephone Number ____ E-mail Address

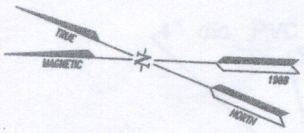
Note: Changes to or deviations from the design must be confirmed with the Site Evaluator. HHE-200 Rev. 08/2011

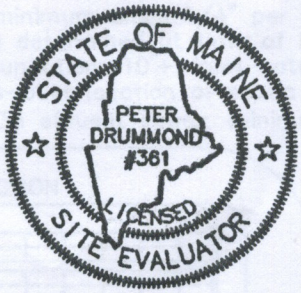
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 Fax: (207) 287-3165

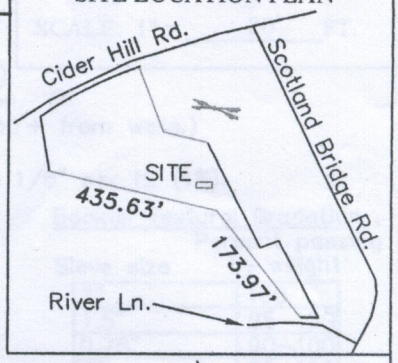
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
York	3 River Lane	Kepner

SITE PLAN Scale 1" = 20 ft. or as shown





SITE LOCATION PLAN



Proposed house.
(subject to change)

200.00'

Temporary stakes set at corners of 15'x 40' disposal area.

Shoreland wetland per survey plan.

228'±

28'±
(20'min.)

31'±

Test pit B

Test pit C

5% slope

4% slope

48'

40.5'

28'

49.5'

Elevation reference:
Nail set in 7"d.b.h. cherry, 83" above ground.

Horizontal reference:
15" d.b.h. double elm.

To River Ln.

435.63'

Property lines per survey.

173.97'

Site Evaluator Signature

361
SE #

4 Sep. 2011
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

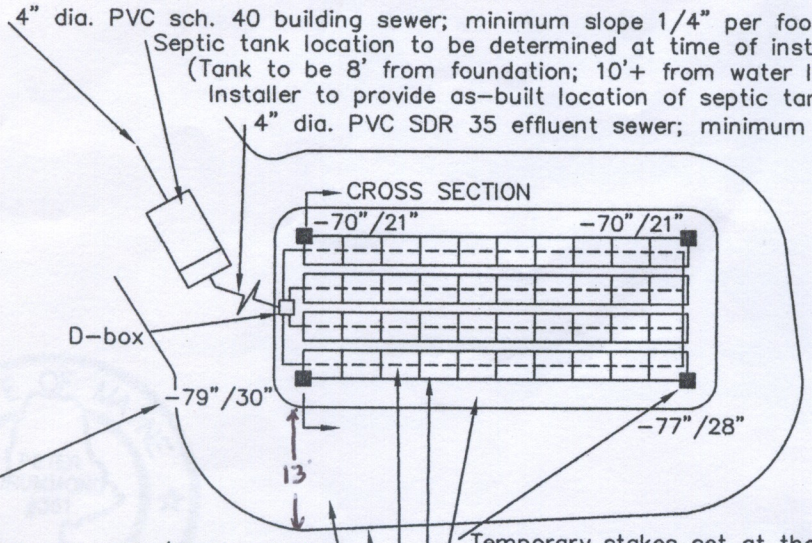
Department of Human Services
Division of Health Engineering
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
York	3 River Lane	Kepner

SUBSURFACE WASTEWATER DISPOSAL PLAN

See attached page for important information.

SCALE: 1" = 20' FT.



Backfill Textural Gradation

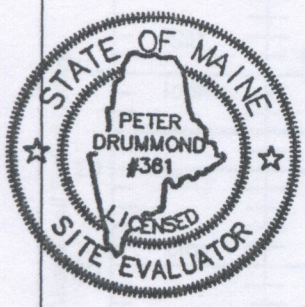
Sieve size	Percent passing by weight
3"	100
1.5"	95–100
0.75"	90–100
#4	75–100
#10	55–85
#20	30–65
#40	15–45
#60	10–25
#100	5–15
#200	2–8
Clay fraction	0–2

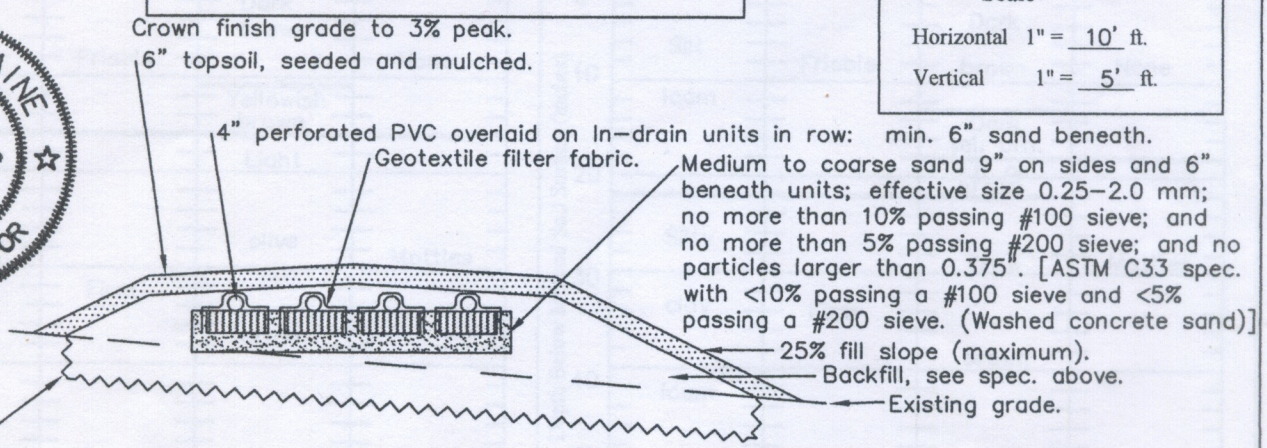
This system is not designed for use with a garbage disposal. This design complies with and must be installed in accordance with the Eljen Design and Installation Manual.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	21"	Finished Grade Elevation	-49"	Location & Description: See page two, nail = zero.
		Top of Distribution Pipe	-57"	
Depth of Fill (Downslope)	30"	Bottom of Disposal Area	-68"	Reference Elevation: =ZERO

DISPOSAL AREA CROSS SECTION

Scale
Horizontal 1" = 10' ft.
Vertical 1" = 5' ft.





A minimum of 4" of backfill material must be mixed by plowing, disking, or rototilling into the original soil to form a transition horizon.

Remove vegetation, topsoil, stumps, and unsuitable material beneath disposal area and ENTIRE FILL EXTENSION prior to constructing the system. Scarify soil surface.
DO NOT WORK THE SOIL WHEN WET.

Designer's phone # 439-3624

Site Evaluator Signature	SE #	Date
	361	4 Sep. 2011

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION		Department of Human Services Division of Health Engineering (207) 287-5672 Fax: (207) 287-3165
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
York	3 River Lane	Kepner

STATE OF MAINE
PETER DRUMMOND #361
LICENSED SITE EVALUATOR

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole B ■ Test Pit □ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Silt loam	Friable	Dark brown	None
10–20			Yellowish brown	
20–30	Silty clay loam	Firm	Light olive brown	Mottles
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
9 Profile / C Condition	5 %	16 "	■ Ground Water ■ Restrictive Layer [ ] Bedrock [ ] Pit Depth

Observation Hole C ■ Test Pit □ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Silt loam	Friable	Dark brown	None
10–20			Dark yel. brn.	
20–30	Silty clay loam	Firm	Lt. ol. brown Olive brown	Mottles
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
9 Profile / C Condition	4 %	18 "	■ Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Site Evaluator Signature | 361 SE # | 4 Sep. 2011 Date

PETER DRUMMOND

P.O. Box 294, Kittery Point, Maine 03905

(207) 439-3624

NOTES TO SYSTEM INSTALLERS AND HOMEOWNERS

INSTALLATION:

The installer is responsible for contacting the Local Plumbing Inspector for inspections during construction. This wastewater disposal system must be installed according to the State Plumbing Code regulations and the specifications of these plans.

If during the construction of this system the site conditions vary from what is shown on the plans or if you have questions about the plans, contact me before you proceed.

The property boundary information shown on this plan has been provided by the landowner(s) or their representative(s) and is accepted in good faith. I am not a land surveyor.

The minimum amount of fill is specified on the plans. You may use additional fill beside the disposal area if you desire. I advise against having more than 12 inches of cover over the top of the disposal area.

STABILIZATION AND LANDSCAPING

The topsoil must be seeded with perennial grasses and mulched to prevent erosion. It is the installer's responsibility to employ erosion control measures as needed. It is a violation of state law to allow soil to wash from the project site into a wetland or waterbody or onto another person's land.

Woody shrubs and trees should not be planted or allowed to grow over the disposal area because the roots can disrupt the piping. Shrubs can be planted on the sloping fill extension.

USE AND MAINTENANCE

Record the location of the septic tank cover before it is buried. Retain a copy of these plans with your permanent records.

The only systems which may be driven over and parked on are those which utilize H-20 load rated septic tank, distribution box and chambers, and PVC schedule 40 piping. Do not plow snow off of or onto the disposal area.

Have the septic tank pumped at least every three years. This is the only maintenance you need to perform. Don't waste your money on illegal and/or ineffective septic tank "cleaners", degreasers, or additives. Some of these damage the long term performance of the system. If an outlet filter has been installed in your septic tank, it must be cleaned regularly. Time between cleanings will vary with use. SEWAGE WILL BACK-UP INTO YOUR HOUSE IF YOU DO NOT CLEAN YOUR FILTER OFTEN ENOUGH!

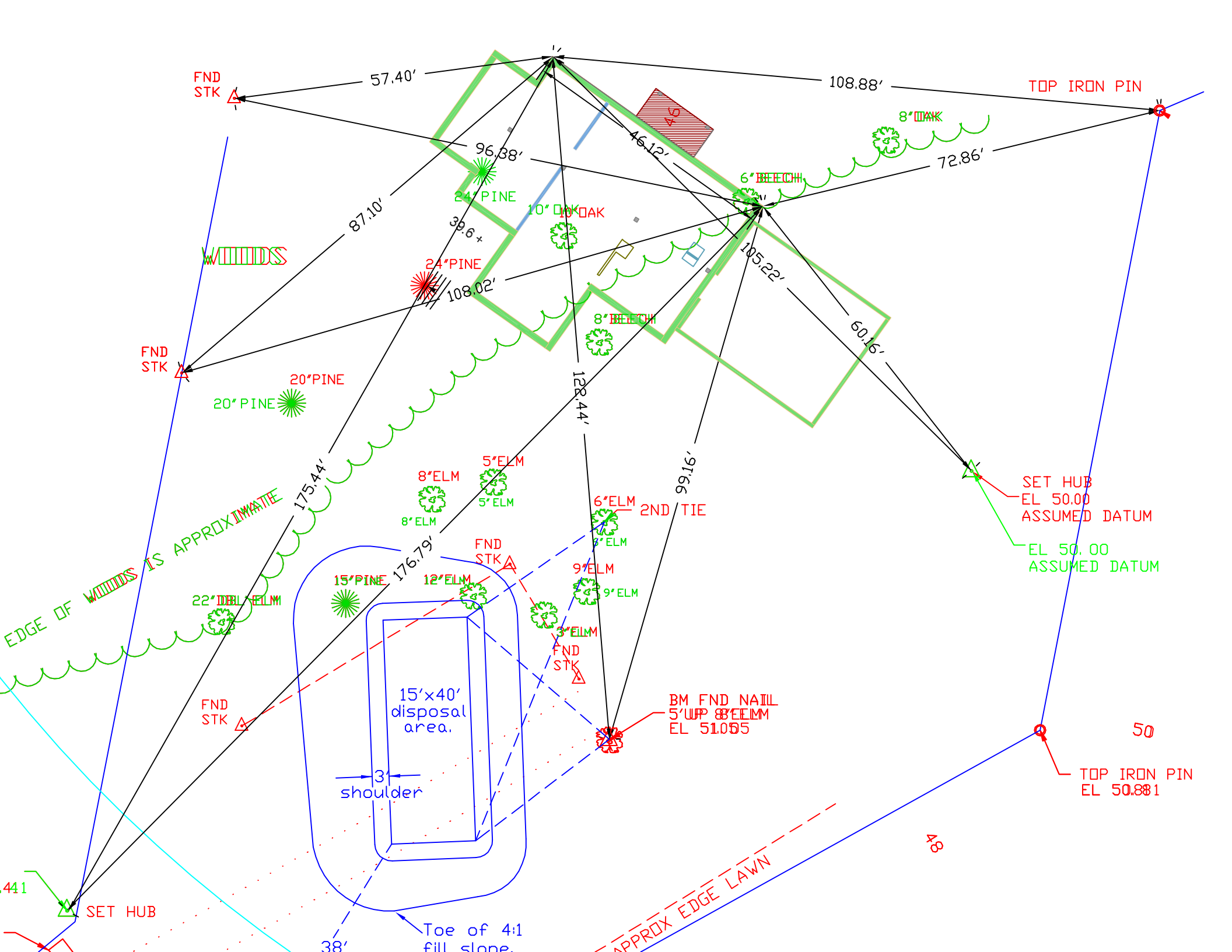
Septic systems are designed to treat only domestic wastewater. Do not dispose of water filter backwash, solid waste, hazardous waste, solvents, grease, oil, cooking fat, or paint in the septic system.

A hot tub may never be connected to this wastewater disposal system. Use water in moderation. Spread laundry out over the week rather than doing it all in one day.

This septic system is designed to accomodate a:

____ garbage disposal; ____ Jacuzzi tub;

__✓__ neither.


FND STK
57.40'
108.88'
TOP IRON PIN
8" OAK
96.38'
46.12'
72.86'
6" BEECH
24" PINE
10" OAK
87.10'
39.6+
WOODS
24" PINE
108.02'
105.22'
8" BEECH
60.16'
FND STK
20" PINE
20" PINE
128.44'
99.16'
8" ELM
5" ELM
5" ELM
6" ELM
2ND TIE
8" ELM
SET HUB
EL 50.00
ASSUMED DATUM
EL 50.00
ASSUMED DATUM
175.44'
EDGE OF WOODS IS APPROXIMATE
FND STK
15" PINE
12" ELM
176.79'
9" ELM
9" ELM
22" DBL ELM
3" ELM
FND STK
FND STK
15'x40' disposal area.
BM FND NAIL 5' UP 8" ELM EL 51.05
3' shoulder
Toe of 4:1 fill slope.
SET HUB
TOP IRON PIN EL 50.81
APPROX EDGE LAWN
38'
48
50

LINE	BEARING	DISTANCE
L1	N01°27'10"W	12.45'
L2	S50°08'49"W	150.00'
L3	S39°51'11"E	25.00'
L4	S39°51'11"E	25.00'
L5	S50°08'49"W	189.63'
L6	N01°27'10"W	12.41'
L7	N01°27'10"W	31.90'
L8	N01°27'10"W	31.90'
L9	S50°08'49"W	169.81'